

Iagn Niño Kenji Valenzona Cabahug

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EDUCATION

Georgia State University - Atlanta, GA 2017-Present
Bachelor of Science in **Neuroscience** — Pre-Medical Concentration
Expected Graduation: Fall 2020
Cumulative GPA: **3.84**

HONORS & AWARDS

- Full Academic Presidential Waiver for Out-of-State-Tuition** 2017- Present
- Awarded to students who have demonstrated the potential to excel within a particular program of study offered by the institution as evidenced by scoring within the top half of students matriculating at the institution or the top half of students matriculating within the particular program of study to which the student has applied
- Mary Kathleen Berry University Wide Scholarship Recipient** 2018
- To provide support to students who have demonstrated outstanding academic performance and who, without assistance, may be unable to complete their college education at Georgia State University
- The Lee Project Endowed Scholarship Recipient** 2017
- To provide support to students who have experienced a personal tragedy or adversity that they have faced and how they overcame it
- Filipino American Association of Coastal Georgia Grant Recipient** 2017
- Recognizes an outstanding college Freshman or rising Freshman in the Filipino-American community of Coastal Georgia for academic excellence, leadership involvement, and community service

RESEARCH EXPERIENCE

- Neuroscience Institute Petit Science Center – Atlanta, GA** June 2019- Present
- *Neuroepigenetic Lab- Neuroscience Institute*
 - *Forger Lab* - Undergraduate Research Assistant working under Ph.D. Candidate Laura Cortes. Focused on researching how epigenetic mechanisms play a critical role in the development of neural sex differences in neuronal cell phenotypes via DNA methylation
 - Advisor: Dr. Nancy Forger –Forger-DeVries Laboratory
Graduate Student— Laura Cortes
- Bogomoletz Institute of Physiology – Kyiv, Ukraine** May 11- May 17, 2019
- *Dynamical Neuroscience in Ukraine — Study Abroad Program*
 - Learned about quantitative topics of neuroscience including: dynamical principles of neuronal activity, biophysics of smooth muscles, basics of data-analysis, biophysics of ion channels, behavioral tests, ex-vivo spinal cord preparation, retrograde labeling of spinal projection neurons, fluorescent methods, and confocal microscopy
 - Advisor: Dr. Gennady Cymbalyuk – Neuroscience Institute Petit Science Center
- Bogomoletz Institute of Physiology – Kyiv, Ukraine** May 18- May 26, 2019
- *Extraction and Classification of Dorsal Root Ganglion Neurons*
 - Analyzed current signatures of L4, L5, and L6 Dorsal Root Ganglion neurons of the Lumbar region for subtype classification. This region is a part of the nociceptive pathway involved in diseases like Diabetes and Rheumatoid Arthritis, which can lead to over expression of Na⁺/Ca²⁺ channels that can lead to increased nociceptive neuronal activity that results in more pain due to over excitability
 - Techniques: DRG neuron extraction from spinal cord, dissociation of DRG neurons via micropipettor, creating glass recording electrode via Flaming Brown Micropipette Puller, Electrophysiology: Whole Cell Patch Clamp, and Contrast microscopy
 - Advisor: Dr. Dmytro Duzhyy — Bogomoletz Institute of Physiology

PROFESSIONAL AFFILIATIONS

- Collegiate Neuroscience Society — Atlanta, GA** Fall 2019- Spring 2020
- **President- Current President of this organization for the 2019-2020 calendar year**

Collegiate Neuroscience Society

Fall 2018-Spring 2019

- **Vice President of Communications**

- In charge of creating and distributing the Semester Event Calendar, and creating infographics for every meeting/event
- Managed the social media accounts and ensured communication of time, place, and location of every event during the semester
- Communicated Neuroscience/STEM/Medical related events and volunteer opportunities to members

Office of Supplemental Instruction, Georgia State University — Atlanta, GA

Fall '18, Summer '19

- **SI Leader — Principles of Chemistry I**

- Provide assistance to students enrolled in an academically challenging courses and facilitate out-of-class study sessions three times a week throughout the semester
- Created activities and games to assist students understand difficult chemistry topics during these study sessions. Provided exam tips, time management and study skills. Also created Jeopardy review games, midterm practice exam, and mock exams.
- Developed my Leadership Skills, Interpersonal communication with students and professors, Organizational Skills, and Time-Management skills

Nu Rho Psi, Beta Chapter— Atlanta, GA

- Active Member of the Beta Chapter of Nu Rho Psi, the National Honor Society in Neuroscience

Colleges Against Cancer— Atlanta, GA

- Active Member

COMMUNITY SERVICE

Zuni Comprehensive Health Center, Indian Health Service – Zuni Pueblo, NM

- **Urgent Care – Family Medicine Shadowing / Volunteer Assistance** May - August '18
 - Practiced conducting patient history by documenting chief complaint, family disease history, current oral medications, and presented to the physician, before we both entered the room. We discussed the presented symptoms, inferred probable cause and possible course of treatment

Grady Memorial Hospital – Atlanta, GA

- **Neurology Department – Volunteer Assistant** May '19/ August '19- Present
 - Work in collaboration with the nurses in providing patient care by attending to patient needs by providing food, relaying their immediate needs if they call, and provide wheel-chair assistance after discharge.

College Against Cancer, Georgia State University – Atlanta, GA

- **Relay for Life Event – Volunteer** April 1st, 2019
 - Helped organize and set up the venue for Relay for Life Event

Saint Anthony Parish – Zuni Pueblo, NM

- **Musical Accompaniment for Choir - Piano** May - August '18
 - Played piano and sang with the group for the Filipino Choir for mass every Sunday

St. Philip Career Ministry Annual STEM Fair – Duluth, GA

- **Touch a Brain Tabling Event**
 - Taught basic neuroanatomical features and function to elementary, middle school and high school students

Filipino American Association of Coastal Georgia (FIL-AM) – Savannah, GA

- **Event Decorations and Games Assistant** [2014]-[2016]
 - Annual Spring Picnic/ Winter Family Christmas Party

LANGUAGES

English: Native proficiency

Visaya: Native proficiency

Tagalog: Advanced proficiency

PERSONAL INTERESTS / OTHER

- **Musical Performance**
 - Savannah Arts Academy for Visual And Performing Arts 2014-2017
- **Science and Art Communication**
 - @Kenjistudy Instagram
- **Server/Food Runner/ Host**